

# PORGLASS

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## Description

- Large filtration area by pleated media which combined with depth and surface filtration
- Glass media
- Broad range chemical compatibility
- Superior High flow rates , high dirt-holding capacity
- 100 percent integrity tested
- Manufactured in a clean room (10,000 Class)
- Lowest extractable and stable structure by thermally bonded components
- ISO9001 & ISO14001



## Product Features

- Super ranged flow rates and throughputs
- All materials are FDA listed
- It have been received one of the highest reputation on electronics and food market
- Accumulated experience with major industrial customers application

## Applications

- Solvent, ink, other chemicals
- Pharmaceutical industry
- Beverage/Wine

## Specifications

### Materials

- Medium : Pleated graded-density Borosilicate microfiber glass with acrylic (support layer : spun bonded polyester)
- Core, cage and end caps : Polypropylene
- Sealing : Thermal bonding
- O-ring options : Viton, Silicon, EPR & Teflon encapsulated type

### Structure

- Effective Filtration area : 0.5-0.6m<sup>2</sup>
- Dimension  
Length : 250mm,500mm,750mm,1000mm  
Inner Diameter : 33mm  
Outer Diameter : 68mm

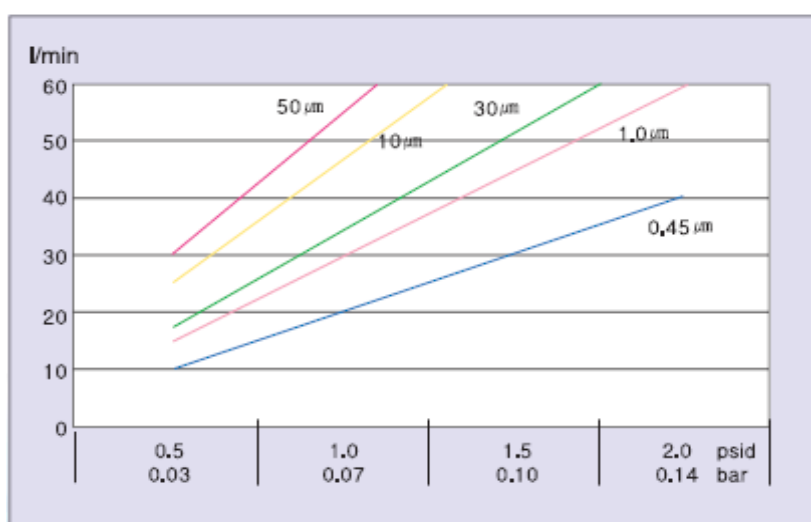
### Operating conditions :

- Maximum operating temperature : 2.1bar at 80°C
- Maximum differential pressure : 5.1bar at 20°C

### Liquid Particle Retention ratings

Micron Rating	Liquid			Gas
	$\beta=5,000$ 99.98%	$\beta=1,000$ 99.9%	$\beta=10$ 90.0%	DOP retention
0.45	1	0.9	0.45	99.99%
1	4	2	1	99%
3	10	6	3	97%
10	18	14	10	60%
50	75	66	50	-

### Water flow rate of 10inch cartridge



### Part Number Identification

CSP - □□□□ - □□ - □  
 ①②③④      ⑤⑥      ⑦

①	②	③	④	⑤	⑥	⑦
End style	Material of Medium	Material of Parts	Seal materials	Length	Option	Micron Rating
1: DOE 2: 226/FLAT 3: 222/FLAT 7: 226/FIN 8: 222/FIN E : extended neck code 3 X : extended neck code 8	G: Glass	1: P.P	S: SILICONE E: EPR V: VITON F: FEP Encapsulated	1 : 250mm 2 : 500mm 3 : 750mm 4 : 1000mm	S: SUS ring on adaptor	0.2 0.45 1 3 10 50